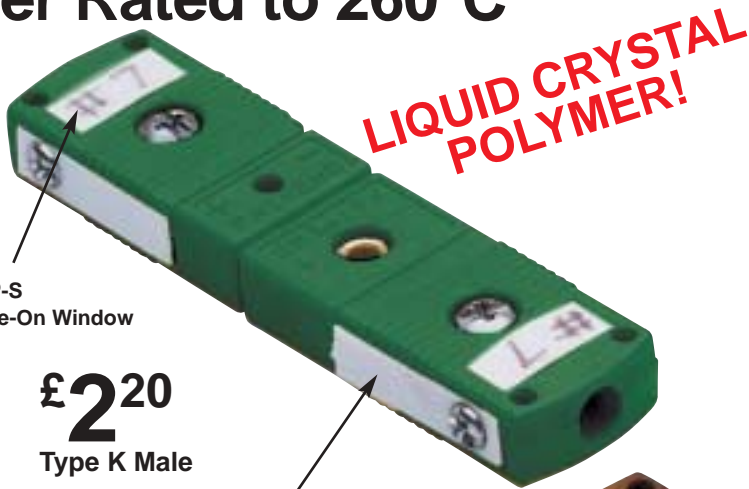


High Temperature, Low Noise Miniature Connectors

Type HGMP Environmentally Friendly Liquid Crystal Polymer Rated to 260°C

- ✓ Connector Ground Protects Against Electrical Noise Errors
- ✓ Write-On Windows for Easy Identification
- ✓ Superior Mechanical Connection Prevents Signal Loss Due to Vibration or Wire Movement
- ✓ Colour-Coded



HCP-S
Write-On Window

£2²⁰
Type K Male

HCP-HGMP
Side Write-On Window

**MONOGRAM®
SERIES**



Shown Larger Than Actual Size

Optional GS-GMP
Ground Strap

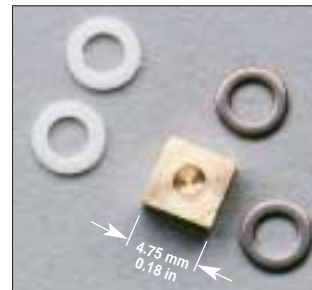
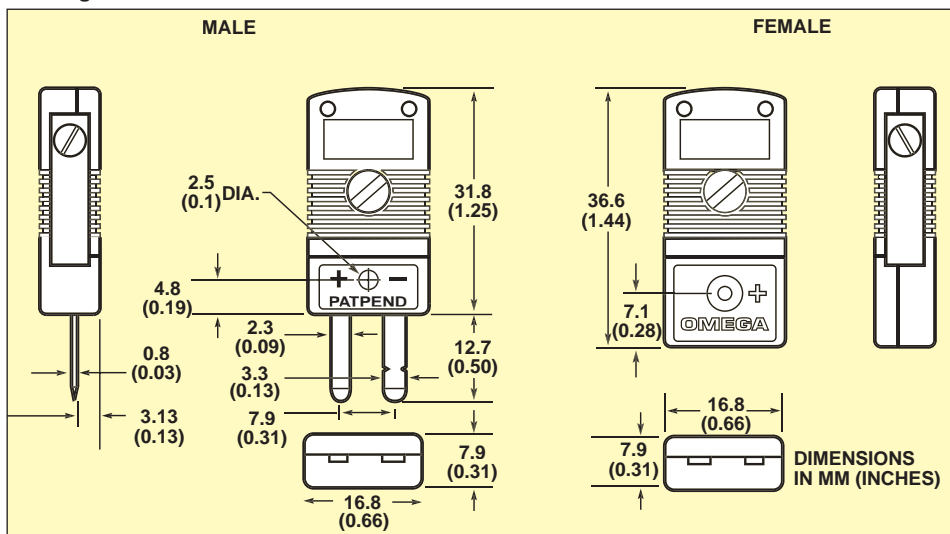
Covered by U.S. and International Patents and Pending Applications

FREE HARDWARE INCLUDED
With All Male Connectors

The new OMEGA® HGMP miniature low noise connectors are designed to provide easy connection of ground wires to OMEGA® probes and extension wires. The drain wire of a twisted shield cable or the shield of the overbraided wire is crimped and held in place by the HGMP's internal hardware. The HGMP's have excellent thermal and electrical characteristics to assure high accuracy. Each connector includes an HCP-S and HCP-HGMP write-on window. An external ground strap is available to maintain the electrical connection of the ground wire and strengthen the mechanical link between connectors.

See Section G for twisted and shielded thermocouple wire

Each connector is supplied with a write-on window for the face and side. The optional ground strap replaces the side window, and maintains the electrical connection through the connector.



Male connectors supplied with blank brass bushings to which protection tubes are easily soldered or brazed.

Teflon® and stainless steel washers are provided to guarantee good contact without damaging fine wires.

Additional packages of bushings with Teflon® and steel washers are available. Model **BB-SMP-10**, £1.25 for a package of 10.



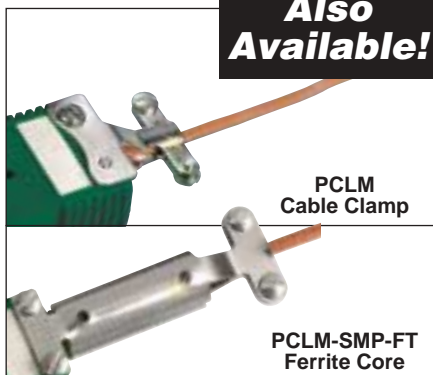


Miniature Connectors
Shown Actual Size



EMI/RFI Problems?
& analab® Can Help!
Complete EMC and FCC Compliance Testing and Technical Assistance.
For Complete Information See analab1.com

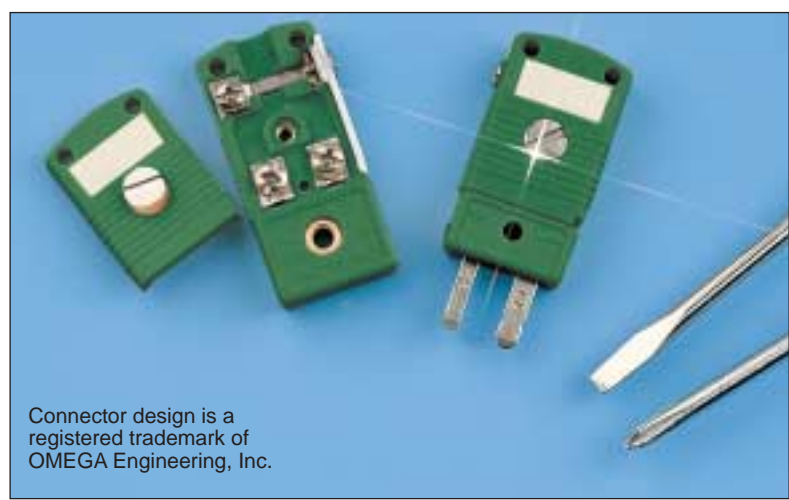
Also Available!



PCLM Cable Clamp

PCLM-SMP-FT Ferrite Core

See OMEGA's Complete Line of Accessories for **Miniature Connectors**



Connector design is a registered trademark of OMEGA Engineering, Inc.

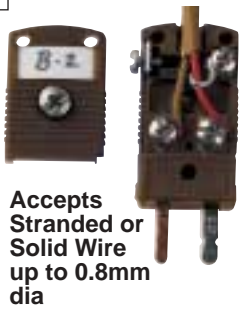
Cover, interior and side screws have combination heads, so you can use either a flathead or Phillips screwdriver. The cover screw can even be turned with a coin! And it's captive, so it won't fall out.

Ordering Example

Model IEC-HGMP-K-M £2.20

IEC-HGMP-K-M

High Temp Low Noise Calibration Male Connector



Accepts Stranded or Solid Wire up to 0.8mm dia

Accessories

Model No.	Price	Description
HCP-S	£0.80/pkg of 5	Write-on window for HGMP connector face
HCP-HGMP	£0.80/pkg of 5	Write-on window for HGMP connector side
GS-GMP-10	£2.30/pkg of 10	Ground straps

To Order (Specify Model Number) IN STOCK FOR FAST DELIVERY!

Alloy Code†	Type Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Colour	Model Number	Price		
		+	-			Pair (MF)	Female (F)	Male (M)
K	CHROMEGLA™-ALOMEGA™	CHROMEGLA™	ALOMEGA™	Green	IEC-HGMP-K-(*)	£4.80	£2.60	£2.20
T	Copper-Constantan	Copper	Constantan	Brown	IEC-HGMP-T-(*)	4.80	2.60	2.20
J	Iron-Constantan	Iron	Constantan	Black	IEC-HGMP-J-(*)	4.80	2.60	2.20
E	CHROMEGLA™-Constantan	CHROMEGLA™	Constantan	Violet	IEC-HGMP-E-(*)	4.80	2.60	2.20
R/S	Pt/13%Rh-Pt	Copper	Alloy #11	Orange	IEC-HGMP-R/S-(*)	4.80	2.60	2.20
G	W-W/26%Re	Alloy #200	Alloy #226	Red	IEC-HGMP-G-(*)	4.80	2.60	2.20
C	W/5% Re-W/26%Re	Alloy #405	Alloy #426	Red	IEC-HGMP-C-(*)	4.80	2.60	2.20
D	W/3%Re-W/25%Re	Alloy #203	Alloy #225	Red	IEC-HGMP-D-(*)	4.80	2.60	2.20
U	Uncompensated	Copper	Copper	White	IEC-HGMP-U-(*)	4.80	2.60	2.20
N	OMEGALLOY™	OMEGA-P™	OMEGA-N™	Pink	IEC-HGMP-N-(*)	4.80	2.60	2.20

* To Order: Specify "MF" for a connector pair, "M" for male connector only, or "F" for female connector only.

† J, K, T, E, R, S and B are IEC designations. OMEGALLOY™ is generically known as Nicrosil-Nisil.

Note: Type U (uncompensated) connector bodies are used with type B thermocouples (Pt/6%Rh-Pt/30%Rh)